DOVE.

SPECULUM ANNI
OR AN
ALMANACK

For the Year of our

LORD GOD
1684.

Being the Bissextile or Leap-year, and from the worlds Creation 5687.

Aspects, Eclipses, Terms, Inclination of the Air, with other things of note.

Calculated properly for the famous University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 17 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1684.

The vulgar Notes and moveable Feasts for this Year 1684. in both Accounts, *viz.*

Julian or *English.*			*Gregorian* or Foreign.	
	13	The Golden Number		13
	13	Cycle of the Sun.		13
	23	The Epact		13
	F G	The Dominical Letters		E F
Feb.	10	Shrove-sunday	Febr.	13
March	30	Easter-day	April	2
May	8	Ascension-day	May	11
May	18	Whit-sunday	May	21
May	25	Trinity Sunday	May	28
Novem.	30	Advent-sunday	Decemb.	3

The Terms with their Returns

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*

- Octab. Hilar. Jan. 21
- Quind. Hilar. Jan. 28
- Craft. Purif. Febr. 4
- Octab. Purif. Febr. 9

Easter Term begins April 16, ends May 12, and hath 5 returns, *viz.*

- Quind. Pasch. Apr. 14
- Tres Pasch. April 21
- Mens. Pasch. April 28
- Quinq. Pasch. May 5
- Craft. Ascen. May 9

Trinity Term begins May 30, and ends June 18, and hath 4 returns, *viz.*

- Craft. Trin. May 26
- Octab. Trin. June 2
- Quind. Trin. June 9
- Tres Trin. June 16

Michaelmas Term begins October 23, ends November 28, and hath 6 returns, *viz.*

- Tres Mich. Octob. 20
- Mens. Mich. Octob. 27
- Craft. anim. Nov. 3
- Craft. Mart. Nov. 12
- Octab. Mart. Nov. 18
- Quind. Mart. Nov. 25

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, in which it openeth but 4 days before.

The

The Anatomy of Man's body.

The Names and Characters of the twelve Signs.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck & Throat	♏ Scorpio Secret members
♊ Gemini Arms and Shoul.	♐ Sagitarius the Thighs
♋ Cancer Breast and Stom.	♑ Capricornus the Knees
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

The Suns entrance into the four Cardinal Signs.

He enters ♈ March 9, 2 min. past 2 afternoon.
He enters ♋ June 10, 37 min. past 4 afternoon.
He enters ♎ Septemb. 12, 44 min. past 8 beforenoon
He enters ♑ Decemb. 10, 15 min. past 8 at night.

Note also that the bright Planet *Venus* will be our evening Star from the beginning of the Year, to the 29 *August*, and then making her Conjunction with the Sun, She becomes Oriental, and will be our glorious morning Star, to the end of the Year.

A brief account of the moſt remarkable paſſages which have happened in England *ſince the year*, 1640.

Time expired this year 1684.

1640 THe long Parliament began *Nov.* 3. The Earl of Strafford beheaded *May* 12 following. 44

1641 *May* 2 the Prince of Orange was married to the Lady Mary. The ſame year *Octob.* 23 the Rebellion in *Ireland* began. 43

1642 Sir J. Hotham denies the King entrance into *Hull*. 42
The Earl of Eſſex made general for the Parliament.
The King ſetteth up his Standard at *Nottingham*.
The battel at Edge-Hill *October* 23, where above 5000 were ſlain.
Brainford Fight *November* 13 and 14.

1643 The Lord Brook ſhot in the eye.
The Battel on Hopton-Heath, *March* 18. 41
Cheapſide-Croſs demoliſhed, and an Act paſſed for an Aſſembly of Divines to ſettle Religion, and likewiſe a vote for a new Great Seal.
Sir William Waller routed by the Kings forces.
The firſt Battel at Newbury, *September* 20.
The Covenant (that Bond of iniquity) taken by the houſe of Commons, *September* 25.

1644 The Scotch-Army of 20000 Horſe and Foot entred *England*. Marſton-moor fight *July* 2, where above 7000 were ſlain. 40
This year came divers Ambaſſadours from *France*, *Holland* and *Spain*, to mediate between the King and Parliament.
Newbury ſecond Battel, *Octob.* 27.
3 Suns ſeen in *London*, *Novemb.* 19.

Sir

Sir Thomas Fairfax made General in the room of *Eſſex*.

1645 The Arch-Biſhop of *Cant.* beheaded *Jan.* 10. 39

The Parliament vote that the clauſe for preſervation of his Majeſties perſon ſhould be left out of Sir *Tho Fairfax* his Commiſſion, *March* 24.

Oxford cloſely beſieged, *May* 22.

The fatal Battel at *Naſeby*, *June* 14.

Carliſle after a long ſiege delivered to the Scots.

Briſtol ſurrendred *September* 11. Routon-Heath Battel, *September* 24.

Baſing Houſe taken by ſtorm, *October* 14.

Dartmouth ſtormed and taken, and Belvoire-Caſtle ſurrendred.

His Royal Majeſty offered at this time to come to the Parliament, and adviſe with them for the good of the Nation upon reaſonable conditions, but they would not conſent to it.

1646 The Earl of *Eſſex* died *September* 14. 38

The treacherous Scots ſold the King to the Parliament for 400000 pounds.

1647 His Majeſty was brought priſoner to Holmby, *Feb.* 17. 37

The City declares againſt the Army, but upon the Armies approach they ſubmit.

1648 The Parliament vote that no further addreſſes be made to the King, *January* 30. 36

Part of the Navy declare for the King, *May* 27.

Maidſtone fight, *May* 31. The Welch-Army of 8000 routed by Col. *Horton*.

Duke Hamilton entred *England* with an Army for his Majeſty. Colcheſter yielded, Sir Charles Lucas and Sir George Liſle ſhot to death, *Auguſt* 28.

The Treaty began in the Iſle of Wight, *September* 18.

An Ordinance nominating divers perſons to try

the King *December* 28, being tendred to the Lords was by them refuſed.

1649 The pretended High Court of Juſtice proclaimed *January* 9. 35

His Royal Majeſty moſt barbarouſly murdered, *Jan.* 30.

1650 The Kings Statue erected in the Royal Exchange, broken down by the Uſurpers, *Auguſt* 10. 34

A great fight at Dunbar in *Scotland*, *Septemb.* 3

1651 King *Charles* II Crowned at Schoon in *Scotland* *Jan.* 1. 33

The Scotch Army again enter *England*, *Aug.* 8.

Worceſter fight *Septemb.* 3. 3000 ſlain and 10000 taken priſoners.

1652 A great Sea-fight between the Engliſh and Dutch, wherein the Dutch were worſted. 32

1653 The Rump Parliament diſſolved by the Army, *April* 10. 31

A ſecond fight between the Engliſh and Dutch, *June*, 2, 3.

A third fight *July* 29 and 30, wherein *Vanetrump* was ſlain.

1654 Oliver the Tyrant ſummond a Parliament, *Sep.* 3 and diſſolved it again the 22 of *January* following, he was proclaimed Protectour *June* 26. 30

1656 The River of Thames ebbed and flowed twice in 38 hours, *October* 3. 38

1658 Dunkirk ſurrendred to the Engliſh, *June* 25. 26

Oliver died *September* 3, and the next day his ſon was proclaimed Protectour.

1659 White-hall and Somerſet houſe voted to be ſold *May* 16. Sir George Booth up in Cheſhire, *Aug.* 1. 25

1660 The Lord General Monk marcheth from *Scotland* to *London*. 24

The ſecluded Members reſtored. *February* 21.

Admiral *Montague* with the whole Navy ſubmit to his Ma-

Majesty, *May* 3. and the 8 his Majesty was proclaimed in *London*, the 25 he landed at *Dover*, and the 29 at White-hall.

General Monk created Duke of Albemarl, *July* 12.

The Duke of Glouceſter died, *September* 13

About this time many of the Regicides were executed.

The Queen mother returned to Whitehall, *November* 2.

1661. King *Charles* II Crowned at *Weſtminſt.* *April* 23. 23

The Queen of *Bohemia* came to *London*, *May* 17.

1662 Queen *Katherine* landed at Portſmouth *May* 14, and 22
the 23 of *Aug.* following ſhe came to White-hall.

1664 The Houſe of Commons voted his Majeſty a ſupply 20
of 2500000 pounds ſterling.

Three Comets appeared in a ſhort time.

1665 The great Plague in *London* began *Apr.* 25, whereof 19
died 100000.

A great fight between the Eng. and Dutch *June* 3, wherein the Dutch were beaten.

The Parliament voted his Majeſty a ſupply of 1250000 pounds, *October* 11.

1666 Another fight between the Engliſh and Dutch *June* 18
2, 3, 4. a third fight in *Aug.* following.

The ſad fire in *London* which burned within the walls 87 Pariſhes, & much building without, *Sept.* 3, 4, 5, 6.

1672 War proclaimed againſt the Dutch, *March* 28. 12

1673 Several ſea fights between the Engliſh and Dutch. 11

1674 A Peace concluded between the Engliſh and Dutch, 10
Feb. 9.

1677 The Prince of Orange married to the Lady Mary 7
Novem. 4.

1678 Sr *Edmund-Bury Godfry* murdered *Octob.* 6

1682 *Chriſtopher* Duke of *Albemarle* Inſtalled Chan- 2
cellour of *Camb.* *May* 11.

January hath xxxi days.

New moon the 6 day, 35 min. past 5 at night.
First quarter the 14 day, 26 min. past 6 at night.
Full moon the 22 day, 5 min. past 8 beforenoon,
Last quarter the 28 day, 43 min. past 9 at night.

1	a	Circumcision	Scorp.	16	21	21	Mild weather
2	b	Octab. Steph.	Sagit.	0	22	22	△ ☉ ☿.
3	c	Octab. John		13	23	23	☌ ♄ ☌.
4	d	Octab. Innoc.		27	24	24	for the season,
5	e	Simeon	Capr.	10	25	26	□ ☿ ♀.
6	f	Epiphany		23	26	27	
7	g	Julian	Aquar.	6	27	28	
8	a	Erhardus		19	28	29	Frost now
9	b	Marcelline	Pisc.	1	29	30	☌ ☉ ♀.
10	c	Paul Herm.		13	0	♒31	with snow.
11	d	Hyginus		25	1	32	
12	e	Satyrus	Aries	7	2	33	☽ Apogæon.
13	f	1 aft. Epiph.		19	3	35	
14	g	Felix	Taur.	1	4	36	
15	a	Maurus		13	5	37	
16	b	Marcellus		25	6	38	High winds
17	c	Anthony	Gem.	8	7	39	and a little
18	d	Prisca		20	8	40	frosty.
19	e	Pontion	Canc.	4	9	41	
20	f	2 aft. Epiph.		17	10	42	☽ ☌.
21	g	Octab. Hilar.	Leo	1	11	43	
22	a	Vincent		16	12	44	
23	b	Term begins	Virgo	0	13	44	☌ ♄ ♀.
24	c	Timothy		15	14	45	Windy with
25	d	Conv. S. Paul	Libra	0	15	46	snow, but
26	e	Polycarpus		14	16	47	☽ Perigæon.
27	f	Septuagesima		29	17	48	☌ ☿ ☌.
28	g	Quind. Hil.	Scorp.	13	18	49	☌ ♄ ☿.
29	a	Carolus mag.		25	19	49	fine and mild
30	b	K. Char. I. M.	Sagit.	10	20	50	air.
31	c	Virgilius		23	21	51	

The Army of the Starry Sky,
Declares the glory of GOD Most High,
Seen and perceived of all Nations,
In Eight and Fourty Constellations.

January 1684.

	Sun-rising.		Sun-setting.	
1	8	4	3	56
2	8	3	3	57
3	8	2	3	58
4	8	0	4	0
5	7	59	4	1
6	7	58	4	2
7	7	57	4	3
8	7	55	4	5
9	7	54	4	6
10	7	52	4	8
11	7	51	4	9
12	7	50	4	10
13	7	48	4	12
14	7	47	4	13
15	7	46	4	14
16	7	45	4	15
17	7	43	4	17
18	7	42	4	18
19	7	40	4	20
20	7	38	4	22
21	7	36	4	24
22	7	34	4	26
23	7	32	4	28
24	7	30	4	30
25	7	28	4	32
26	7	26	4	34
27	7	24	4	36
28	7	22	4	38
29	7	20	4	40
30	7	18	4	42
31	7	16	4	44

February hath xxix days.

New moon the 5 day, 17 min. past 10 beforenoon.
First quarter the 13 day, 52 min. past 1 afternoon.
Full moon the 20 day, 50 min. past 4 afternoon.
Last quarter 27 day, 31 min. past 7 in the morning.

M.D.	W.D.	Festival days with terms.	Moons place.		☉ plac. d.	m.	
1	d	Bridget fast	Capr.	7	22	51	
2	e	Purif. Mary		19	23	52	☽ ☊.
3	f	Sexagesima	Aquar.	2	24	53	Wet with
4	g	Crast. Purif.		15	25	53	some snow
5	a	Agatha		27	26	54	and moderate
6	b	Dorothy	Pisces	9	27	54	frost.
7	c	Zachary		21	28	55	☍ ♃ ♀.
8	d	Salome	Aries	3	29	55	☍ ☉ ♄.
9	e	Octab. Purif		15	0 ♓	56	☽ Apogæon.
10	f	Shrove Sund.		27	1	56	☍ ♃ ☿.
11	g	Euphrosina	Taur.	9	2	57	
12	a	Term ends		21	3	57	
13	b	Ash wednesd.	Gem.	3	4	57	
14	c	Valentine		16	5	58	
15	d	Faustine		28	6	58	High winds
16	e	Juliana	Canc.	11	7	58	with snow
17	f	Quadragesi.		25	8	58	☽ cum ☊
18	g	Concord	Leo	9	9	58	or rain.
19	a	Sim. Ap.		24	10	59	
20	b	Ember week	Virgo	9	11	59	☍ ♃ ☿.
21	c	69 Martyrs		24	12	59	
22	d	Cathedr. Pet.	Libra	9	13	59	More rain
23	e	Serenus fast		24	14	59	with snow,
24	f	2 Sun. in Lent	Scorp.	9	15	59	but indiffe-
25	f	S. Matthias		23	16	59	rently warm
26	g	Victor	Sagit.	7	17	58	for the season,
27	a	Nestor		20	18	58	☍ ☉ ♃.
28	b	Fortuna	Capr.	4	19	58	
29	c	Macar		16	20	58	☌ ♂ ♀.

First, near unto the Northern Pole,
The *Dragon* and two *Bears* do role.
Whose Hinder Parts and Tails contain
The leffer and the greater *Wain*.

February 1684.

	Sun-rising.		Sun-setting.	
1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	45	5	15
18	6	43	5	17
19	6	41	5	19
20	6	40	5	20
21	6	38	5	22
22	6	36	5	24
23	6	34	5	26
24	6	32	5	28
25	6	30	5	30
26	6	28	5	32
27	6	27	5	33
28	6	25	5	35
29	6	23	5	37

March hath xxxi days.

New moon the 6 day, 26 min. past 3 in the morn.
First quarter the 14 day, 14 min. past 6 in the morn.
Full moon the 21 day, 1 min. past 2 in the morning.
Last quarter the 27 day, 30 min. past 7 at night.

1	D	David Bish.	Capr.	29	21	58	☽ ☋.	
2	E	3 sun. in Lent	Aquar.	11	22	57	Windy and	
3	F	Lucius		24	23	57	tempestuous	
4	G	Adrian	Pisces	6	24	57	weather	
5	a	Eusebius		18	25	57	though not	
6	b	Fredericke	Aries	0	26	56	☽ Apogæon.	
7	c	Perpetua		12	27	56	very cold.	
8	d	Cyprian		24	28	55		
9	E	Midlent Sund.	Taur.	6	29	55	△ ♄ ☿.	
10	f	Sun in Aries		18	0 ♈	54		
11	g	Cuthbert	Gem.	0	1	54		
12	a	Gregory		12	2	53		
13	b	Ernestus		24	3	53	Windy and	
14	c	Eutychus	Canc.	7	4	52	☽ cum ☊.	
15	d	Longinus		20	5	51	△ ♄ ♂.	
16	E	5 Sun. in Lent	Leo	3	6	50	dry and	
17	f	Gertrude		17	7	49	somewhat	
18	g	Gabriel	Virgo	2	8	48	colder.	
19	a	Joseph		17	9	47		
20	b	Rupert	Libra	2	10	46	☽ Perigæon.	
21	c	Benedict		17	11	45	Windy with	
22	d	Paulinus	Scorp.	3	12	44	rain. ☌ ♆ ☿.	
23	E	Palm Sunday		18	13	43	△ ♆ ☿.	
24	f	Quirin fast	Sagit.	2	14	42	✶ ☿ ☿.	
25	g	Lady day		16	15	41	Stormy wea-	
26	a	Castulus	Capr.	0	16	40	ther.	
27	b	Archibald		13	17	39		
28	c	Good friday		26	18	38	☽ cum ♆.	
29	d	Eustachius	Aquar.	9	19	37		
30	E	Easter day		21	20	36		
31	f	Balbina	Pisc.	3	21	35		

The *Hare*, the *Bear-ward*, and the *Crown*;
And then comes *Hercules* kneeling down;
And next below a place doth take,
Great *Serpentarius* with his *Snake*.

March 1684.

	Sun-rising.		Sun-setting.	
1	6	20	5	40
2	6	18	5	42
3	6	15	5	45
4	6	13	5	47
5	6	11	5	49
6	6	9	5	51
7	6	7	5	53
8	6	5	5	55
9	6	3	5	57
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

New moon the 4 day, 8 min. past 9 at night.
First quarter the 12 day, 9 min. past 7 at night.
Full moon the 19 day, 56 min. past 9 in the morning.
Last quarter the 26 day, 11 min. past 9 in the morn.

1	g	Conv. M. M.	Pisc.	15	22	33	☌ ♄ ☿.
2	a	Mary Egypt		27	23	31	Cold rain.
3	b	Chrisian	Aries	9	24	29	
4	c	Ambros		21	25	28	☽ Apogæon.
5	d	Vincent	Taur.	3	26	26	△ ♅ ♂.
6	e	Low Sunday		15	27	25	△ ☉ ♄.
7	f	Celestine		27	28	23	fine gentle
8	g	Dionys.	Gem.	9	29	22	and warm
9	a	Sun in Taurus		21	0 ♉	20	showers
10	b	Ezechiel	Canc.	4	1	18	now.
11	c	Leo Pope		16	2	17	☽ cum ♄.
12	d	Julius		29	3	15	
13	e	2 after Easter	Leo	13	4	13	
14	f	Quind. Pasc.		26	5	11	Good season-
15	g	Olympia	Virgo	11	6	9	☐ ♅ ☿.
16	a	Term begins		26	7	8	able weather
17	b	Aniceius	Libra	11	8	6	being fine and
18	c	Oswin		26	9	4	☽ Perigæon.
19	d	Timothy	Scorp.	11	10	2	△ ♄ ☿.
20	e	3 Sun. af. East.		26	11	0	mild.
21	f	Tres Pasch.	Sagit.	11	11	58	Windy with
22	g	Emmanuel		25	12	56	△ ☉ ♅.
23	a	S. George	Capr.	9	13	54	rain and
24	b	Albertus		22	14	52	☐ ♄ ♂.
25	c	S. Mark Ev.	Aquar.	5	15	49	☽ cum ♍
26	d	Cletus		18	16	47	thunder.
27	e	4 sun. af. East.	Pisces	0	17	45	△ ♅ ☿.
28	f	Mens. Pasch.		12	18	43	✱ ♄ ☿.
29	g	Sibylla		24	19	41	
30	a	Josua	Aries	6	20	38	

Under the *Harp of Orpheus*,
The *Eagle* and *Antinous*,
The *Silver Swan* her wings doth ſpread,
Above the *Dart* and *Dolphin*'s head.

April 1684.

	Sun-riſing.		Sun-ſetting.	
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	45	7	15
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	26
24	4	33	7	27
25	4	32	7	28
26	4	30	7	30
27	4	28	7	32
28	4	26	7	33
29	4	25	7	35
30	4	23	7	37

May hath xxxi days.

New moon the 4 day, 52 min. past noon.
First quarter the 12 day, 4 min. past 4 in the morn.
Full moon the 18 day, 35 min. past 5 afternoon.
Last quarter the 26 day, 33 min. past 12 in the morn.

1	h	Phil. & James	Aries	18	21	36	☌ ☉ ☿.
2	c	Athanasius	Taur.	0	22	34	☽ Apogæon.
3	d	Invent. Cruc.		12	23	31	Moist
4	e	Rogation Sun.		24	24	29	□ ♄ ☿
5	f	Quinq; Pasch.	Gem.	6	25	27	weather.
6	g	Joh. Port. Lat.		18	26	04	
7	a	Juvenal	Canc.	1	27	22	□ ☉ ♄.
8	b	Ascension day		13	28	19	☌ ♂ ☿.
9	c	Craft. Ascen.		26	29	17	☽ ☊
10	d	Sun in Gem.	Leo	9	0 ♊	14	Cold and
11	e	Sun. aft. Ascen.		23	1	12	windy with
12	f	Term ends	Virg.	6	2	9	some rain.
13	g	Servatius		20	3	7	Good wea-
14	a	Fortuna	Libra	5	4	4	ther now.
15	b	Sophia		20	5	1	☽ Perigæon.
16	c	Peregrine	Scorp.	4	5	59	About this
17	d	Jodocus		19	6	57	time expect
18	e	Whitsunday	Sagit.	4	7	54	☐ ☿ ♂.
19	f	Sarah		19	8	51	✶ ♄ ☿.
20	g	Bernard	Capr.	3	9	48	thunder.
21	a	Ember week		17	10	45	☽ ☋.
22	b	Helena	Aquar.	1	11	43	
23	c	Desiderius		14	12	40	Windy wea-
24	d	Esther		26	13	37	☐ ☉ ☿.
25	e	Trinity Sund.	Pisces	8	14	34	ther with
26	f	Craft. Trin.		20	15	32	warm show-
27	g	Beda	Aries	2	16	29	☽ Apogæon.
28	a	Monica		14	17	26	ers of rain.
29	b	K. Ch. 2. Nat.		26	18	23	
30	c	Term begins	Taur.	7	19	20	
31	d	Petronilla		20	20	18	

Then *Pegasus* comes on amain,

Andromeda follows in her Chain;
The *Triangle* below her stands,
And at her feet in *Perseus*'s hands.

1	4	22	7	38		
2	4	21	7	39		
3	4	19	7	41		
4	4	17	7	43		
5	4	16	7	44		
6	4	14	7	46		
7	4	13	7	47		
8	4	11	7	49		
9	4	9	7	51		
10	4	7	7	53		
11	4	6	7	54		
12	4	5	7	55		
13	4	4	7	56		
14	4	2	7	58		
15	4	1	7	59		
16	4	0	8	0		
17	3	59	8	1		
18	3	58	8	2		
19	3	57	8	3		
20	3	56	8	4		
21	3	55	8	5		
22	3	54	8	6		
23	3	53	8	7		
24	3	52	8	8		
25	3	51	8	9		
26	3	50	8	10		
27	3	49	8	11		
28	3	48	8	12		
29	3	47	8	13		
30	3	46	8	14		
31	3	46	8	14		

New moon the 3 day, 43 min. past 2 in the morn.
First quarter the 10 day, 51 min. past 9 beforenoon.
Full moon the 17 day, 26 min. past 2 in the morning.
Last quarter the 24 day, 17 min. past 5 afternoon.

1	☌	f	1 sun. af. Trin.	Gem.	2	21	♈
2	f	g	Octab. Trin.		15	22	♉ Hot at the
3	g	a	Erasmus		27	23	9 beginning
4	a	b	Quirine	Canc.	10	24	6 ☽ ☍.
5	b	c	Boniface		23	25	3 and also
6	c	d	Artemius	Leo	6	26	0 windy.
7	d	e	Paul Bish.		19	26	57 ☌ ☉ ☍.
8	e	f	2 sun. af. Trin.	Virgo	3	27	54 Very dry
9	f	g	Quind. Trin.		17	28	52 weather.
10	g	a	Margaret Q.	Libra	1	29	49 ✶ ☉ ♄.
11	a	b	S. Barnabas		15	0♎	46 ✶ ♄ ☍.
12	b	c	Blandina		29	1	43 ☽ Perigeon.
13	c	d	Cyrillus	Scorp.	14	2	40
14	d	e	Valerius		28	3	37
15	e	f	3 after Trin.	Sagit.	13	4	34 High winds
16	f	g	Tres Trin.		27	5	31 and stormy.
17	g	a	Botolph	Capr.	11	6	28
18	a	b	Term ends		25	7	25
19	b	c	Gervase	Aquar.	9	8	22
20	c	d	Sylverius		22	9	19
21	d	e	Walburg	Pisces	4	10	16
22	e	f	4 after Trin.		16	11	13 Hot weather
23	f	g	Basilius fast		29	12	10 with thunder,
24	g	a	S. John Bapt.	Aries	11	13	7 wind and
25	a	b	Elogius		22	14	4 rain.
26	b	c	Jeremias	Taur.	4	15	2 ☽ Apogeon
27	c	d	7 Sleepers		16	15	59
28	d	e	Leo fast		28	16	56 ☌ ♄ ♀.
29	e	f	S. Peter Apo.	Gem.	11	17	53 ☌ ☿. ♀. ☉.
30	f	g	Com. S. Paul		23	18	50

The *Gorgon's Head* above are seen;
Her Parents *Cepheus*, with his Queen
Caſſiope, not far below,
Heniochus his Goat doth ſhow;

June 1684.

	Sun-riſing.		Sun-ſetting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	43	8	17
17	3	44	8	16
18	3	44	8	16
19	3	44	8	16
20	3	45	8	15
21	3	45	8	15
22	3	45	8	15
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

New moon the 2 day, 27 min. paſt 2 afternoon.
Firſt quarter the 9 day, 38 min. paſt 1 afternoon.
Full moon the 16 day, 32 min. paſt noon.
Laſt quarter the 24 day, 53 min. paſt 9 beforenoon.

1	ℊ	Theobald	Canc.	6	19	47	☽ ☊.
2	a	Viſit. B. Mary		19	20	44	Tempeſtuous
3	b	Cornelius	Leo	2	21	41	with hail.
4	c	Ulricus		16	22	38	☌ ♂ ☿.
5	d	Anſelme	Virg.	0	23	35	
6	e	6 Sun. af. Trin.		14	24	33	Hot and
7	f	Tran. Becket		27	25	30	ſultry wea-
8	g	Demetrius	Libra	12	26	27	ther.
9	a	Cyrillus		26	27	24	
10	b	7 Brethren	Scorp.	10	28	21	☽ Perigæon.
11	c	Pius		24	29	18	
12	d	Henricus	Sagit.	8	0☊	16	✶ ♃ ♂.
13	e	7 Sun. af. Trin.		22	1	13	Good ſeaſon-
14	f	Bonavent.	Capr.	6	2	10	able weather
15	g	Swithin B.		20	3	7	☽ ☌ ♅.
16	a	Hilarine	Aquar.	3	4	5	with thunder.
17	b	Xtus		16	5	2	
18	c	Roſina		29	5	59	✶ ☿ ☿.
19	d	Dog-days beg.	Piſces	12	6	57	
20	e	8 Sun. af. Trin.		24	7	54	
21	f	Daniel	Aries	7	8	51	Showery wea-
22	g	Mary Mag.		18	9	48	ther, and
23	a	Apollin biſh.	Taur.	0	10	46	then it is
24	b	Chriſtina faſt		12	11	43	☽ Apogæon.
25	c	S. James Apo.		24	12	41	✶ ♃ ☿.
26	d	Anna	Gem.	6	13	38	likely very
27	e	9 Sun. af. Trin.		18	14	36	haſty.
28	f	Panthaleon	Canc.	1	15	33	
29	g	Beatrix		14	16	31	
30	a	Abdon		27	17	28	
31	b	German	Leo	11	18	26	

On his Left Shoulder, in his hand
He doth the Stormy *Kids* command.
Here in the *Zodiack* begins,
The *Ram*, the *Bull*, the loving *Twins*.

July 1684.

	Sun-rising.		Sun-setting.	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	6	7	54
14	4	7	7	53
15	4	8	7	52
16	4	10	7	50
17	4	11	7	49
18	4	13	7	47
19	4	15	7	45
20	4	17	7	43
21	4	19	7	41
22	4	21	7	39
23	4	22	7	38
24	4	24	7	36
25	4	26	7	34
26	4	27	7	33
27	4	29	7	31
28	4	30	7	30
29	4	32	7	28
30	4	34	7	26
31	4	35	7	24

New moon the 1 day, 8 min. past 2 in the morning.
First quarter the 7 day, 36 min. past 7 at night.
Full moon the 15 day, 53 min. past 12 in the morning.
Last quarter the 23 day, 5 min. past 3 in the morn.
New moon the 30 day, 21 min. past 10 in the morn.

1	f	Lammas day	Leo	25	19	24		
2	g	Stephanus	Virgo	9	20	21	High winds	
3		10 after Trin.		24	21	18	with rain.	
4	f	Dominick	Libra	8	22	16		
5	g	Fest. Nivis		22	23	14		
6	a	Transf. Christi	Scorp.	7	24	11	☽ Perigæon.	
7	b	Donatus		21	25	9		
8	c	Cyriacus	Sagit.	5	26	7		
9	d	Romanus		19	27	5	Very hot	
10	e	11 after Trin.	Capr.	2	28	2	weather	
11	f	Gilbert B. C.		16	29	0	☽ ☍	
12	g	Clare Virg.		29	29	58	about this	
13	a	Sun in Virgo	Aquar.	12	0 ♍	57	time.	
14	b	Eusebius		25	1	55	☌ ☉ ☿.	
15	c	Assumpt. Mary	Pisc.	8	2	53		
16	d	Roch		20	3	50	Stormy and	
17	e	12 after Trin.	Aries	3	4	48	☌ ♄ ☿.	
18	f	Helens		15	5	46	not very hot.	
19	g	Sebastus		27	6	45	☌ ☉ ♄.	
20	a	Bernard	Taur.	8	7	43	☽ Apogæon	
21	b	Athanasius		20	8	41	☌ ♀ ☿.	
22	c	Symphor.	Gem.	2	9	39		
23	d	Zacheus fast		14	10	38	Windy and	
24	e	S. Bartholom.		26	11	36	dry toward	
25	f	Lewis King	Canc.	9	12	34	☌ ☉ ♀.	
26	g	Irenæus		22	13	32	☽ ☊	
27	a	Dog days end	Leo	5	14	31	the end.	
28	b	Augustine		19	15	29		
29	c	Decol. J. Bapt.	Virgo	3	16	28	☌ ♆ ☿.	
30	d	Felix		18	17	26		
31	e	14 aft. Trin.	Libra	3	18	24		

The *Crabb*, the *Lion*, and *Virgin* tender,
The *Ballance*, *Scorpion*, and *Bow-bender*,
Goat, *Waterman*, and *Fishes* twain
Shall bring you round to the *Ram* again.

August 1684.

	Sun-rising		Sun-setting	
1	4	37	7	23
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

First quarter the 6 day, 21 min. past 12 in the morn.
Full moon the 13 day, at 8 at night.
Last quarter the 21 day, 41 min. past 7 at night.
New moon the 28 day, 34 min. past 7 at night.

1	f	Giles Abbot	Libra	18	19	23	☌ ♄ ☉.
2	g	Seraphia	Scorp.	3	20	22	☽ Perigæon.
3	a	Euphem.		17	21	20	Cold and
4	b	Theodot.	Sagit.	2	22	19	rainy wea-
5	c	Bertine		15	23	17	ther.
6	d	Magnus		29	24	16	
7	e	15 after Trin.	Capr.	13	25	15	☽ ☍.
8	f	Nat. of Mary		26	26	14	Windy and
9	g	Gorgon	Aquar.	9	27	12	stormy wea-
10	a	Nicholas		26	28	10	ther, with
11	b	Theobald	Pisces	4	29	9	moderate
12	c	Sun in Libra		16	0	8	heat.
13	d	Amatus		29	1	7	
14	e	16 after Trin.	Aries	11	2	6	
15	f	Nicomedes		23	3	5	☌ ☉ ♆.
16	g	Euphemus	Taur.	5	4	4	☽ Apogæon.
17	a	Ember week		17	5	3	
18	b	Ferriolus		29	6	2	
19	c	Januarius	Gem.	10	7	2	Much rain
20	d	Fausta		22	8	1	now.
21	e	S. Matthew	Cane.	5	9	1	☌ ♂ ☿.
22	f	Maurice		17	10	0	☽ ☊.
23	g	Eadies	Leo	0	10	59	✶ ☿ ☿.
24	a	Rupert		13	11	59	✶ ♂ ☿.
25	b	Cleophas		27	12	58	High winds
26	c	Cyprian	Virgo	11	13	57	and cold
27	d	Judith		26	14	57	about this
28	e	18 after Trin.	Libra	11	15	56	time.
29	f	S. Michael		26	16	56	✶ ♄ ☿.
30	g	Jerome	Scorp.	12	17	55	☽ Perigæon.

In the Southern Hemisphere
Fifteen images appear,
The monſt ous *Whale* above the reſt
Eridanus ſcarce wets his breaſt.

September 1684.

	Sun-riſing.		Sun-ſetting.	
1	5	37	6	23
2	5	39	6	21
3	5	40	6	20
4	5	42	6	18
5	5	44	6	16
6	5	46	6	14
7	5	48	6	12
8	5	50	6	10
9	5	52	6	8
10	5	54	6	6
11	5	56	6	4
12	6	58	6	2
13	6	0	5	0
14	6	2	5	58
15	6	4	5	56
16	5	6	5	54
17	6	8	5	52
18	6	11	5	49
19	6	13	5	47
20	6	15	5	45
21	6	17	5	43
22	6	30	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

First quarter the 5 day, 21 min. past 9 beforenoon.
Full moon the 13 day, 6 min. past 9 beforenoon.
Last quarter the 21 day, 1 min. past 11 beforenoon.
New moon the 28 day, 47 min. past 4 in the morn.

1	a	Remigius	Scorp.	27	18	55		
2	b	Leodegar	Sagit.	11	19	55	Cold & raw	
3	c	Candidus		25	20	54	☌ ♄ ♂.	
4	d	Francis	Capr.	9	21	54	☽ ☋.	
5	e	19 after Trin.		23	22	54	weather.	
6	f	Faith	Aquar.	6	23	53	Gloomy and	
7	g	Spes		18	24	53	dark with	
8	a	Pelagia	Pisces	1	25	53	high winds.	
9	b	Dionys.		13	26	53	☌ ♄ ♀.	
10	c	Gideon		26	27	53		
11	d	Burchard	Aries	8	28	53	Tempestuous	
12	e	20 after Trin.		20	29	53	☽ Apogæon.	
13	f	Sun in Scorp.	Taur.	2	♏ 0	53	✶ ♂ ☿.	
14	g	Calixtus		14	1	53	and cold.	
15	a	Hedwig.		25	2	53	✶ ♀ ☿.	
16	b	Gallus	Gem.	7	3	53		
17	c	Florence		19	4	53		
18	d	S. Luke Evan.	Canc.	1	5	53	☽ ☊.	
19	e	21 after Trin.		14	6	54	✶ ♄ ☿.	
20	f	Tres Mich.		26	7	54	Wet weather	
21	g	Ursula	Leo	9	8	54	and cold	
22	a	Cordula		22	9	54	☌ ☉ ☿.	
23	b	Term begins	Virg.	6	10	55	with it is like	
24	c	Salome		20	11	55	some snow.	
25	d	Crispine	Libra	4	12	55	☌ ♂ ♀.	
26	e	22 aft. Trin.		20	13	56		
27	f	Mens. mich. fa.	Scorp.	5	14	56	✶ ☉ ♄.	
28	g	Sim. & Jude		20	15	57	☽ Perigæon.	
29	a	Narcissus	Sagit.	5	16	57		
30	b	German		20	17	58		
31	c	Quintan fast	Capr.	4	18	58		

Over the *Hare*, *Orion* bright
Sparkles in a cold Winters night,
Then comes the *Great Dog*, at whose Tail
The famous *Argo* spreads her sail.

October 1684.

	Sun-rising.		Sun-set.	
1	6	39	5	21
2	6	42	5	18
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

November hath xxx days.

First quarter the 4 day, 12 min. past 2 in the morn.
Full moon the 12 day, 38 min. past 3 in the morning.
Last quarter the 19 day, 19 min. past 11 at night.
New moon the 26 day, 59 min. past 3 afternoon.

1	D	All Saints	Capr.	19	19	59	☽ ☋.	
2	C	23 after Trin.	Aquar	2	21	0	Cold moist	
3	f	Cruc. Anim.		15	22	0	weather,	
4	g	Vedestus		28	23	1		
5	a	Powder Plot	Pisces	10	24	2		
6	b	Leonard		23	25	3		
7	c	Willibald	Aries	5	26	3	Frosty about	
8	d	Claudius		17	27	4	this time.	
9	e	24 after Trin.		29	28	5		
10	f	Triphon	Taur.	10	29	6	☽ Apog.	
11	g	Martine		22	0♈	7		
12	a	Cruc. Mart.	Gem.	4	1	7	Good	
13	b	Eugenia		16	2	8	☌ ☿ ♀.	
14	c	Frederick		28	3	9	seasonable	
15	d	Leopold	Canc.	11	4	10	✶ ♄ ♃.	
16	e	25 after Trin.		23	5	11	☽ ☍.	
17	f	Hugo	Leo	6	6	12	weather,	
18	g	Octab. Mart.		19	7	13		
19	a	Elizabeth	Virgo	2	8	14		
20	b	Edmund K.		15	9	15		
21	c	Oblat. Mary		29	10	16		
22	d	Cicily Virg.	Libra	13	11	17	Cloudy cold	
23	e	26 after Trin.		28	12	18	weather with	
24	f	Chrysogonus	Scorp.	13	13	20	☽ Perig.	
25	g	Quind. Mart.		28	14	21	frost & snow,	
26	a	Conrade	Sagit.	13	15	22	✶ ☉ ☌.	
27	b	Agricola		28	16	23	□ ☉ ♄.	
28	c	Term ends	Capr.	13	17	24	☽ ☋.	
29	d	Saturn fast		27	18	25	✶ ☉ ♅.	
30	e	S. Andrew	Adv. Sund.		19	26		

Above the *Little Dog* doth flame,
For whom the *Latines* had no name;
Long *Hydra* on her Tail below,
Carries th. *Pitcher* and the *Crow*;

November 1684.

	Sun-rising.		Sun-setting.	
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	58	4	2
15	8	59	4	1
16	8	0	3	0
17	8	1	3	59
18	8	2	3	58
19	8	3	3	57
20	8	4	3	56
21	8	5	3	55
22	8	6	3	54
23	8	7	3	53
24	8	8	3	52
25	8	9	3	51
26	8	10	3	50
27	8	11	3	49
28	8	12	3	48
29	8	12	3	48
30	8	13	3	47

First quarter the 3 day, 28 min. past 6 at night.
Full moon the 11 day, 19 min. past 10 at night.
Last quarter the 19 day, 1 min. past 9 before noon.
New moon the 26 day, 33 min. past 3 in the morn.

1	f	Longinus	Aquar.	24	20	28	☌ ☿ ♂.	
2	g	Eusebius	Pisces	7	21	29	Mild weather	
3	a	Cassian		19	22	30	for the sea-	
4	b	Barbara	Aries	1	23	31	son.	
5	c	Sabina		13	24	33	☐ ♄ ☿.	
6	d	Nicholas		25	25	34	✱ ☿ ♀.	
7	e	2 sun. in Adv.	Taur.	7	26	35	☽ Apogæon.	
8	f	Concep. Mary		19	27	36	✱ ♂ ☿.	
9	g	Joachim	Gem.	1	28	38	Windy and	
10	a	Miltiades		13	29	39	dry.	
11	b	Sun in Capric.		25	♑ 9	40	✱ ♄ ♀.	
12	c	Valerius	Canc.	7	1	41	☽ *cum* ♆.	
13	d	Lucia Virg.		20	2	43		
14	e	3 sun. in Adv.	Leo	2	3	44		
15	f	Abraham		15	4	45		
16	g	O Sapientia		29	5	47	Boisterous	
17	a	Ember week	Virgo	12	6	48	weather with	
18	b	Lazarus		26	7	49	frost and soon	
19	c	Christopher	Libra	9	8	51	☌ ☉ ☿.	
20	d	Amon fast		24	9	52	after snow.	
21	e	S. Thomas	Scorp.	8	10	53		
22	f	Theodore		22	11	54	☽ Perigæon.	
23	g	Victor	Sagit.	7	12	56		
24	a	Ad. & Ev. fast		22	13	57	△ ♄ ☿.	
25	b	Christ's birth	Capr.	6	14	58		
26	c	S. Stephen		21	16	0	☽ cum ♆.	
27	d	S. John	Aquar.	5	17	1	☐ ☿ ☿.	
28	e	H. Innocents		19	18	2	Not very	
29	f	Crescens	Pisces	2	19	4	cold now.	
30	g	David		15	20	5		
31	a	Sylvester		28	21	6	□ ☉ ☿.	

The *Centaure* holds the *Wolf* by th' Heel,
The *Altar*, and *Ixion's Wheel*,
Are never seen of us; but here
The *Southern Fish* brings up the reer.

December 1684.

	Sun-rising.		Sun-setting.	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

A Regal Table in a more exact manner.

The Year, Moneth, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their reign.			The number of Years, Moneths, & Days, that every K. & Q. reign. 28 da. to a mon.						The num. of y. expired in this y. since they began to reign : as also since they ended.		
K. W. Conq.	1066	Octob. 14	20	y	11	m	22	d	618	W Conq.	
W. Rufus	1087	Sept. 9	12	y	11	m	18	d	597	W. Rufus	
Henry 1	1100	Auguſt 1	35	y	4	m	11	d	584	Henry	1
Stephen	1135	Decem. 2	18	y	11	m	18	d	549	Stephen	
Henry 2	1154	Octob. 25	34	y	9	m	2	d	530	Henry	2
Richard 1	1189	July 6	9	y	9	m	0	d	495	Richard	1
John	1199	April 6	17	y	7	m	0	d	485	John	
Henry 3	1216	Octob. 19	56	y	1	m	0	d	468	Henry	3
Edward 1	1272	Nov. 16	34	y	8	m	6	d	412	Edward	1
Edward 2	1307	July 7	19	y	7	m	5	d	377	Edward	2
Edward 3	1327	Jan. 25	50	y	5	m	7	d	357	Edward	3
Richard 2	1377	June 21	22	y	3	m	14	d	307	Edward	
Henry 4	1399	Sept. 29	13	y	6	m	3	d	285	Richard	2
Henry 5	1413	Marc. 20	9	y	5	m	24	d	271	Henry	4
Henry 6	1422	Aug. 31	38	y	6	m	16	d	262	Henry	5
Edward 4	1461	March 4	22	y	1	m	8	d	223	Henry	6
Edward 5	1483	April 9	0	y	2	m	18	d	201	Edward	4
Richard 3	1483	June 22	2	y	2	m	5	d	201	Edward	5
Henry 7	1485	Aug. 22	23	y	10	m	24	d	199	Richard	3
Henry 8	1509	April 22	37	y	10	m	2	d	175	Henry	7
Edward 6	1547	Jan. 28	6	y	5	m	19	d	137	Henry	8
Q. Mary	1553	July 6	5	y	4	m	22	d	131	Edward	6
Q. Elizab.	1558	Nov. 17	44	y	4	m	15	d	126	Q. Mary	
K. James	1603	Mar. 24	22	y	0	m	4	d	81	Q. Elizab.	
Charles 1	1625	Mar. 27	22	y	10	m	3	d	59	K. James	
Charles 2	1649	Jan. 30	Long live the King						35	K. Charles	

The uſe of this Table in Example.

King *Henry* 8 began his Reign in the year of *Chriſt* 1509, *April* 22. He Reigned 37 years, 10 moneths, and 2 days. It is ſince he began his Reign 175 years compleat the 22 of *April* this year 1684. Now to know the time ſince the end of his Reign, before his name ſtanding on the right hand, you ſhall there find 137 years ſince he died, *January* 28. And ſo of the reſt.

Dove

Dove 1684.

The latter part of this ALMANACK

For the year of our Lord God 1684:

Being the Biſſextile or Leap-year.

Wherein are contained the Eclipſes, with ſome Obſervations thereon, a Tide-Table, the Affinity of Cœleſtial Bodies, A Table of Reduction, Weights, and Meaſures, a Table of Intereſt, and a Table ſhewing the diſtance of all the chief Towns in *England* and *Wales* each from other, and their ſituation from *London*.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo, quod memores ejus? aut filius hominis, quoniam viſitas eum. Pſal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1684.

Of the Eclipſes this year.

THis Year there will happen four Eclipſes, *viz.* two of the Sun, and two of the Moon.

The firſt in order is of the Sun, on the 6 day of *January*, at 6 of the Clock at night, and therefore inviſible to us, the Sun being then below our Horizon, it falls in 26 degrees of ♑, and will appear great in *America*, the *Weſt Indies*, &c.

The ſecond is a ſmall Eclipſe of the Moon, happening the 17 day of *June*, at 3 of the Clock in the morning, in 6 degrees of ♑, and it may be viſible to us.

The third will be an Eclipſe of the Sun, the ſecond day of *July*, at 3 of the Clock afternoon; it happens in 22 degrees of the Cœleſtial Crabb, and may be ſeen by us in this Iſland of *Britain*, it will be a great Eclipſe, the quantity eclipſed being about 8 digits.

The fourth and laſt Eclipſe will be of the Moon, on the 11 day of *December*, at 11 of the Clock at night, it happens in one degree of ♋, and will be a great Eclipſe, and viſible to us.

On the 3 day of *October* happens a famous Conjunction of *Saturn* and *Mars*, in ♐, which is of wrangling and treacherous import.

Ob.

Obſervations on the Eclipſes.

Aſtrologers tell us, that Eclipſes in ♑, are the fore-runners of ſcarcity, & the motion of a King or great Perſon in a tumultuous way, and that men ſhould be much addicted to ſlandering; they ſignifie alſo that ſome great perſon or man of eminency, ſhould come to an ill end: Eclipſes in ♋ ſtir up mens minds to War, ſeditions, and Treachery, threatning men alſo with the ſmall Pox, Dropſie, Pains in the Stomach, Conſumption, &c. all which things muſt be underſtood to happen in thoſe places which are under theſe Signs ♋ and ♑.

The Oppoſition of ♄ and ♂ this Year the 3d of *January*, is alſo worth obſervation, ♄ being in ♍, and ♂ in ♐: alſo the Conjunction of ♄ and ♂ in 13 degrees of ♍, the third of *October* is the more remarkable, becauſe it falls in Quartile to the very degrees of the Conjunction of ♄ and ♃ in the year 1663. and alſo in Quartile to the great Conjunction 1603, and in Quartile to the New Star that appeared 1604. this tell us (ſay Aſtrologers) that if there be any Prince in *Europe* that hath about 13 degrees of ♍ aſcending in his Nativity, he is likely this Year to fall into the hands of that unconquerable enemy of mankind, Death; this Conjunction alſo falls upon that Prince, who hath 13 degrees of ♍ in the 10th of his Nativity, this deſtroys his former honour; and in thoſe places where Armies are on foot, there is like to be great ſlaughter of mankind.

A Table whereby you may find the time of high water at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

		Ho.	M
South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits; Kentish-knock.	0	0
S. by w.	Rochester, Malden, Aberdeen, Redband.	0	45
S S. w.	Gravesen. Downs, Rumney, Tennet, Silly.	1	30
S w. by S.	Dundee, S. Andr. S. Lucas, Bell Isle, Holy Isl.	2	15
S. w.	Lond. Tinmout. Hartpool, Whitebay, Amf.	3	0
S. w by w.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. w.	Scarboroug. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and w	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Briſtol, Foulneſs at the ſtart.	6	45
E. S. E.	Milford, Bridgew. Landſen. Waterford.	7	30
SE by E.	Portlan. Pererport, Harflew, Hague, Dubl.	8	15
S. E.	Pool, S. Hellen, Orkney, Catnes, Man-Iſle,	9	0
SE. by S.	Needles, Laiſto, North & South forelands	9	45
S. S. E	Yarmout. Dover, Harwich, Calice-Road	10	30
S. by E.	Ry, Winchelſey, Gorce, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	29	30	
is South at	12	1	2	3	4	4	5	6	7	8	8	9	10	11.	12	H.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0	M.

The Tide Table Explained.

IN the firſt Column you have the point of the Compaſs to the which the Moon coming maketh full Sea at thoſe Havens mentioned in the ſecond Column, and in the third Column are the hours and minutes to be added to the time of the Moons ſouthing. I ſhall make it plain by an example.

The

The 20 of *February*, this year 1684. I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the ſame 12 hours, the time of the Moons coming to the South, then finding in the firſt Column that a South-weſt Moon makes full Sea at *London*, I add to her ſouthing 3 hours as is ſhewed in the laſt Column, and it makes 15 hours, from whence I take 12 for midnight and there remains 3 hours in the morning, the time of full Sea at London-Bridge; alſo obſerve that when the Moon cometh to the contrary (or North-eaſt) point it is there full Sea again.

Of the Affinity of Cœleſtial Bodies.

THe beauty of the Univerſe is no where more evident to our humane conceits, than in the conveniency of thoſe rare, and admirable Characters, the Cœleſtial Bodies; for whether we conſider their real and ſubſtantial parts, or their outward accidental qualities, we ſhall every where find that rare affinity, which alone is ſufficient to raviſh our conceits with admiration.

Firſt, concerning their Subſtance, which conſiſts (as far as any humane Conjecture can guide us) of Similar or Analogical parts to the Earth, and this is moſt evident in the Moon, whoſe vicinity to us, hath given us more opportunities for this diſcovery, for every eye may plainly perceive a diſſimilitude of parts in her viſible body, ſome appearing purely bright, ſome again by a darker colour manifeſt a contrary quality; theſe are by the ingenious conceived, and by all reaſon approved to be Sea and Land, the darker parts carrying in themſelves a manifold form of Seas, and the more bright ones by their ſtrong reflection of the

Sun's borrowed Light, evidently ſhewing that they are more Solid, for the tranſparent ſubſtance of the Waters admitting of the Sun beams into their profundity, do neceſſarily deny that powerfull repercuſſion, which a more ſolid Superficies would have granted. This Similarity is further argued from the ſwelling Protuberances, and ſinking Cavities wherewith the Moons face is variouſly replear, ſo that in the *Quadratures* near the Line of Illumination the Hills appear inlightened, while the lower Plains are all dark about them, and in the brighter may be evidently ſeen the ſhadow of hils, ſo that the Line of illumination is no way ſtraight, but ragged and indented with much variety, all which will appear to our Eye by help of the *Teleſcope*.

Secondly in regard of their form which is Spherical; and as for the Earths ſphericity, the regular appearances of the Stars riſing and ſetting, with the variety of their culminating altitudes in ſeveral elevations of the Pole, the difference of the times of the day, in the obſervation of momentary *phaſes*; and laſtly, the form of the ſhadow in the Moons Eclipſe doth take away all objections that can be made, and as for the Moon her various illuminations do confirm her ſphericity, as in her *Dichotomies*, or quarters, he that ſhall with a good Perſpective behold, ſhall clearly perceive the Line of illumination within a few minutes to be changed, and in a very ſhort time evident tokens of Gibboſity and Simoſity. Particular obſervations do alſo confirm this ſpherical form in the other Cœleſtial Bodies, as in the two inferiors, *Venus* and *Mercury* which have been obſerved to paſs over the Sun, both of them appearing to the obſervers round of figure, and dark in colour, and for *Venus*, the variety of her illuminations will further confirm it. As for the Superiors, as far as can be gathered by inſpection through the *Teleſcope*, they do nothing vary from this roundneſs, excepting *Saturn*, who appears long in form,

not

not unlike a two eared Jugg, yet ſo that his own Light brighter than the reſt appears perfectly circular, the other on the other ſide more weak and diluted.

Thirdly, in reſpect of their motion which is uniform, and of the primary Planets in orbicular Lines about the Sun, but the Secondary Planets, as the Moon, and thoſe four glorious ones about *Jupiter*, do reſpect every one their primary Planet for their Center; and furthermore there may without abſurdity be attributed to every one of the primary Planets, a motion about their own *axis*.

Fourthly, in regard of their real Opacity and accidental illumination from the Sun: the Almighty Creator hath ſo diſpoſed and communicated the firſt created light to the Cœleſtial Bodies, that they retain in themſelves either a portion of that Light, or an aptitude to receive it; the former is really inherent in the Sun, the Center of the Planetary Syſteme, the other properly belongs to thoſe intermediate Globes the Planets.

Fifthly, in regard of the Armoſpheres, for experience doth manifeſt, that there is ſomething of a vaporous nature about the Planets, for they through the Teleſcope (with reſpect had to the amplification of the Glaſs) appear nothing ſo big as to our bare eye they ſeem; the Teleſcope taking away the adventitious rays.

A plain Table for the ready Reduction of Pounds into Shillings, Pence, and Farthings: or Farthings into Pence, Shillings, and Pounds.

Shill.	Pence.	Farthings.	Shill.	Pence.	Farthings.
	1	4	5	60	240
	2	8	6	72	288
	3	12	7	84	336
	4	16	8	96	384
	5	20	9	108	432
	6	24	10	120	480
	7	28	11	132	528
	8	32	12	144	576
	9	36	13	156	624
	10	40	14	168	672
	11	44	15	180	720
1	12	48	16	192	768
2	24	96	17	204	816
3	36	144	18	216	864
4	48	192	19	228	912

Pounds.	Shillings.	Pence.	Farthings.
1	20	240	960
2	40	480	1920
3	60	720	2880
4	80	960	3840
5	100	1200	4800
6	120	1440	5760
7	140	1680	6720
8	160	1920	7680
9	180	2160	8640
10	200	2400	9600

The uſe of this Table is very plain and eaſie; for ſuppoſe you deſire to know how many Shillings, Pence, and Farthings are in 10lb, then againſt 10lb are 200 ſh. 2400 pence, and 9600 farthings; ſo on the contrary, 4800 farthings will be found to make 5 pounds: and 912 farthings; 19 ſhill. and ſo for the reſt.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	make	1 Peny w.
20 Peny weig.	make	1 Ounce.
12 Ounces	make	1 pou *Troy*

Apothecaries Weight.

20 Grains	make	1 Scruple.
3 Scruples	make	1 Dram.
8 Drams	make	1 Ounce.
12 Ounces	make	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the name of Garbel in this kind of weight.

16 Drams	make	an Ounce.
16 Ounces	make	a Pound.

28 Pound	make	1 Quarter.
4 Quarters	make	1 H or 112
20 Hundreds	make	1 Tun.

Of Liquid Measure.

2 Pints	make	1 Quart.
2 Quarts	make	1 Pottle.
2 Pottles	make	1 Gallon
8 Gallons	make	1 Firkin of Ale, Sope, Herrings.
9 Gallons	make	1 Firkin of Beer.
10 Gall. ½	make	1 Firkin of Salmon or Eels.
2 Firkins	make	1 Kilderkin
2 Kilderkins	make	1 Barrel.
42 Gallons	make	1 Tierce of Wine.
63 Gallons	make	1 Hogshead
2 Hogsheads	make	1 pipe, Butt.

Dry Measure.

2 Gallons	make	1 Peck.
4 Pecks	make	1 Bushel land measure.
5 Pecks	make	1 Bushel wat. measure.
8 Bushels	make	1 Quarter.
4 Quarters	make	1 Chalder.
5 Quarters	make	1 Wey.

Long Measure.

3 Barly Corns	make	1 Inch.
12 Inches	make	1 foor.
3 feet	make	1 Yard.
3 feet 9 Inch.	make	1 Ell.
6 feet	make	1 fathom.
5 yards and ½	make	1 Pole.
40 Poles	make	1 furlong.
8 furlongs	make	1 *Eng.* mile

Land Measure.

1 pole in breadth and 40 in length make a Rood of Land.

4 Roods make an Acre, which contains 160 square pole.

Cloath Measure.

4 Nails	make	1 Quarter.
4 Quarters	make	1 Yard.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month			3 months			6 months			9 months			A Year.		
		sh.	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*
Shill.	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	1	0	5	1	0	8	2	0	10	2
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		po.	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*po.*	*sh.*	*p.*	*p.*	*sh.*	*p.*
Tens of Pounds.	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the first Column, and in the other you have the Interest due for one, three, six, nine, or twelve months.

A Table ſhewing the Diſtance of all the chief Towns in *England*, and *Wales*, each from other; with their Situation from *LONDON*.

	London	Windſor	Buckingha	Guildford	Dorcheſter	Oakham	Bath	Briſtow	Bedford	Barwick	Canterbury	Chicheſter
Glouceſt.n.w.	85	63	45	74	69	67	28	27	62	213	128	80
Ely N.	51	56	45	71	135	36	104	111	27	204	73	94
Exeter W.	138	118	119	118	40	149	60	60	137	194	177	105
Durh m N.	200	186	155	104	232	121	188	190	150	62	216	223
Darby N.W.	96	89	56	105	132	29	90	93	58	162	133	123
Carlile N. W.	229	209	175	224	239	146	196	195	176	61	247	241
Colcheſt. N.E.	42	60	68	67	144	73	126	130	51	235	39	87
Cambridge N.	44	50	36	61	126	39	98	103	20	213	67	83
Coventr. N.w.	76	65	32	70	106	27	64	72	41	190	117	96
Cheſter N.W	144	128	95	141	143	80	104	100	105	152	182	156
Chicheſt. S.w.	47	38	67	24	66	105	68	78	75	285	75	
Canterbu. S.E.	46	64	87	62	140	105	130	138	80	275		
Barwick N.	250	247	215	264	291	181	250	248	212			
Bedford N.	40	36	17	52	110	30	80	84				
Briſtow W.	95	75	67	79	44	92	10					
Bath W.	88	67	62	70	40	91						
Oakham N.	60	66	36	81	128							
Dorcheſt. S.w.	102	84	93	79								
Guildford S.w.	25	16	48									
Buckingh. N.w	44	33										
Windſor W.	19											

	Cheſter	Coventry	Cambridge	Colcheſter	Carlile	Darby	Durham	Exceter	Ely
Glouceſter	80	41	81	112	172	65	164	85	88
Fly	116	60	12	37	173	65	143	165	
Exeter	144	123	155	178	240	147	240		
Durham	100	130	154	178	45	102			
Darby	50	28	69	102	120				
Carlile	96	145	181	210					
Colcheſter	153	90	35						
Cambridge	118	56							
Coventry	65								

York

	London	Windsor	Buckingha.	Guildford	Dorchester	Oakham	Bath	Briſtow	Bedford	Barwick	Canterbury	Chicheſter
York N.	150	140	108	155	190	73	150	150	104	108	169	176
Bangor N. w.	175	163	132	174	157	120	123	116	143	163	220	184
S. Aſaph N. w.	160	145	113	157	150	99	114	107	123	153	200	170
S. Davids W.	190	172	152	176	122	162	108	100	169	250	235	175
Landaff W.	117	96	85	100	55	107	32	25	103	145	163	100
Hartford N.	18	25	32	37	108	58	85	91	22	232	56	61
Worceſt. N.w.	87	74	46	83	87	55	46	45	61	204	134	95
Shrewsb. N.w.	122	107	76	118	116	70	77	72	86	176	164	130
Warwick N.w.	72	61	28	74	99	33	60	61	40	196	115	90
Wells W.	100	79	78	79	29	107	16	16	94	263	140	74
Wincheſt. S w.	55	37	55	31	47	92	43	52	68	268	84	26
Taunton S. w.	118	98	96	96	30	123	34	33	115	275	160	89
Stafford N. w.	107	96	63	110	122	48	83	80	71	168	149	126
Salisbury S. w.	70	53	61	48	33	96	28	36	77	266	111	42
Rocheſter S.E.	25	42	65	41	120	88	110	116	58	264	22	59
Peterbor. N.	61	62	37	76	131	16	97	100	25	188	92	100
Oxford N. w.	47	29	16	40	77	52	46	53	33	227	90	56
Norwich N.E.	80	91	85	102	174	70	150	150	66	202	78	125
Newcaſtle N.	200	200	168	216	195	134	205	200	164	48	227	225
Notting. N.w.	96	86	55	103	137	22	97	100	53	160	128	123
Northam. N.w	52	44	13	59	105	25	72	75	15	204	93	80
Lancaſt. N.w.	179	166	133	186	192	105	150	150	134	100	211	198
Lincoln N.	100	96	69	113	158	33	124	122	62	151	126	135
Lichfield N.w.	95	85	52	99	117	37	77	75	60	174	138	116
Leiceſter N.w.	76	69	37	84	121	12	84	84	37	178	115	105
Launceſton w.	170	150	148	147	73	173	85	81	165	304	210	134
Kendal N. w.	200	179	143	191	205	114	165	160	144	90	218	209
Ipſwich N. E.	55	72	75	78	155	74	133	140	58	230	49	100
Huntington N.	47	49	30	64	125	26	92	97	14	202	80	87
Hereford N.w.	105	84	63	93	78	75	40	35	78	213	147	100

Dove 1684.

	Chester	Coventry	Cambridge	Colchester	Carlile	Darby	Durham	Exceter	Ely	Glocester	Hereford	Huntington
York	75	85	114	133	80	59	48	263	96	123	118	94
Bangor	41	102	157	192	103	92	125	148	156	103	83	144
S. Asaph	20	83	136	172	94	71	107	147	138	90	73	123
S. Davids	108	134	188	220	189	144	207	91	191	108	90	176
Landaff	93	80	123	150	190	100	190	50	129	41	35	114
Hartford	126	62	22	37	197	80	172	140	33	75	92	30
Worceſter	62	28	78	113	153	48	145	100	84	18	20	68
Shrewsbury	27	46	103	137	123	45	123	120	103	52	37	90
Warwick	67	8	57	91	150	35	136	117	61	33	42	46
Wells	115	82	112	136	210	58	205	43	122	42	50	07
Wincheſter	133	79	80	95	223	106	209	85	91	56	76	80
Taunton	124	100	132	155	220	124	220	24	148	60	62	126
Stafford	33	31	84	120	120	23	111	132	83	54	47	72
Salisbury	127	79	92	111	220	107	208	68	103	48	45	90
Rocheſter	162	98	51	35	232	116	204	158	60	07	125	63
Peterborough	98	41	25	57	156	45	128	156	20	75	86	13
Oxford	100	40	50	77	185	67	169	105	60	35	55	46
Norwich	145	95	49	42	185	93	147	204	40	27	140	55
Newcaſtle	111	143	166	188	45	115	13	254	155	76	168	155
Nottingham	61	32	61	94	122	11	100	154	56	70	74	48
Northampton	90	26	33	66	164	45	144	131	38	50	64	23
Lancaſter	50	102	144	176	46	78	57	194	138	126	114	130
Lincoln	80	54	62	88	121	35	92	178	53	94	58	50
Litchfield	45	20	74	109	127	19	115	128	73	49	46	61
Leiceſter	70	17	50	83	139	21	119	140	47	56	63	35
Launceſton	152	145	183	208	244	116	253	33	192	107	602	177
Kendal	63	113	151	182	34	86	48	207	140	38	26	139
Ipſwich	155	95	40	13	207	104	172	190	38	20	34	52
Huntington	105	44	13	48	170	55	142	153	20	72	86	
Hereford	64	47	98	129	160	65	156	85	101	20		

	Ipſwich	Kendal	Launceſton	Leiceſter	Litchfield	Lincoln	Lancaſter	Northamp.	Notingh.	Newcaſtle	Norwich	Oxford
York	127	58	220	72	74	44	58	95	55	61	104	323
Bangor	194	78	146	109	82	121	65	128	102	132	186	134
S. Aſaph	173	64	150	88	62	99	52	107	81	117	164	117
S. Davids	225	162	75	150	125	178	151	155	154	216	230	145
Landaff	160	156	67	95	82	132	143	92	107	203	178	74
Hartford	48	167	170	60	81	80	157	35	75	184	66	39
Worceſter	118	120	120	40	31	80	108	47	56	158	122	44
Shrewsbury	141	89	131	56	31	81	76	71	56	134	137	78
Warwick	97	118	140	24	26	62	107	25	39	150	99	35
Wells	147	176	72	98	90	136	164	87	114	218	161	62
Wincheſter	106	189	117	89	95	124	178	67	107	221	128	40
Taunton	168	187	53	118	106	155	174	106	130	234	182	85
Stafford	123	85	148	36	11	58	73	56	34	123	117	70
Salisbury	122	185	100	92	93	129	173	73	110	220	140	45
Rocheſter	48	202	190	95	118	113	192	73	111	216	76	69
Peterborough	58	127	182	28	54	38	118	26	36	142	54	55
Oxford	86	152	133	50	60	85	140	29	68	181	100	
Norwich	31	162	233	81	108	68	155	77	83	157		
Newcaſtle	183	56	265	132	128	105	66	156	114			
Nottingham	94	91	173	18	28	25	82	43				
Northampton	72	133	156	26	45	57	122					
Lancaſter	174	13	203	98	84	89						
Lincoln	84	95	200	38	54							
Litchfield	113	93	150	26								
Leiceſter	84	108	163									
Launceſtone	218	214										
Kendal	180											

	Peterbor.	Rocheſter	Salisbury	Stafford	Taunton	Winchſter	Wells	Warwick	Shrewsbur	Worceſter	Hartford	Landaff	S. Davi's	S. Aſaph	Bangor
York	88	156	164	73	180	163	166	92	90	105	24	155	184	90	110
Bangor	136	200	150	72	133	160	129	104	57	90	163	102	86	23	
S. Aſaph	115	180	129	52	130	145	123	85	40	75	143	197	99		
S. Davids	175	213	133	120	91	151	102	131	99	108	184	75			
Landaff	117	140	59	82	31	75	30	73	69	52	113				
Hartford	42	36	75	92	118	61	98	60	108	78					
Worceſter	68	112	67	35	75	73	60	23	35						
Shrewsbury	84	143	100	22	98	107	87	48							
Warwick	44	95	72	35	93	72	74								
Wells	114	120	32	95	21	50									
Winchſter	91	72	18	105	65										
Taunton	134	137	49	110											
Stafford	64	125	101												
Salisbury	99	90													
Rocheſter	70														

The Explanation and uſe of the foregoing Tables.

THe Tables conſiſting of four Pages, and ſomething more, are but one continued Table divided, by reaſon of the ſhortneſs, and narrowneſs of the Pages: on the ſides and tops of each Page, are the names of all the chief Towns in *England* and *Wales*, in an Alphabetical order, beginning on the ſides at the bottom; where you ſhall find three or four at the bottom of the firſt Page irregular; W. being the beginning of the firſt Town. ſo likewiſe at the top of the ſecond Page, you ſhall find the ſame irregularity, which are matters of no moment. To find the diſtance of two places, look for the names of the Places, the one on the ſides the other on the top, and direct your eye right againſt the one, and right under the other, and the common angle of meeting will ſhew you the diſtance.

As for example, ſuppoſe you deſire the diſtance between *Briſtow* and *London*, right againſt *Briſtow* and right

right under *London* you will find 95 which is the diſtance in miles ſought for; ſuppoſe likewiſe you deſire the diſtance between *Briſtow* and *Dorcheſter*, right againſt the one, and right under the other, you will find 44 miles, the diſtance deſired; ſuppoſe alſo the diſtance between *Cambridge* and *Barwick* be ſought, look right againſt *Cambridge*, and right under *Barwick*, and in the common angle of meeting you will find 213 miles, the diſtance ſought: again ſuppoſe, the diſtance between *Briſtow* and *Chicheſter* be deſired; now if you look *Briſtow* on the ſide, in the firſt page, and *Chicheſter* on the top, you will ſee that the figures againſt *Briſtow*, do not extend ſo far as to meet with thoſe right under *Chicheſter*, they neither being continued ſo low as to cloſe with thoſe againſt *Briſtow*; now therefore look *Briſtow* on the top, and *Chicheſter* on the ſide, and you ſhall find right againſt *Chicheſter*, and right under *Briſtow*, in the common angle of meeting 78 miles, the diſtance ſought, and ſo is to be done in the like caſe for any other Places; if you find the figures do not meet, do but change the places of the Towns from the ſides to the tops, or from the tops to the ſides, and you ſhall not fail of their diſtance; as in the little Table in the firſt Page, if you deſire the diſtance between *Carlile* and *Ely*, *Carlile* on the ſide and *Ely* on the top do not meet, then look *Carlile* on the top; and *Ely* on the ſide, and you ſhall find in the common angle of meeting 173 miles the diſtance ſought: and if you find the name of one Place in one Page, and cannot find the other in the top of the ſame, or contrarily, look in the next Page, and you ſhall not fail.

THe Spirits of Scurvy Graſs both Plain and the Golden purging, are ſtill prepared (as formerly) by the firſt and onely true Author *Robert Bateman*, at his Houſe at *Pauls Chain* near *Doctors Commons*, *London*. The Bottles are all ſealed with his Coat of Arms, the Half Moon and Ermins to prevent Counterfeits. Price 1 s. each Bottle.

FINIS.